



Wheeled mineral feeder has a cover made from 1/2-in. floor mat. Livestock lift the cover with their nose.

## Easy-To-Move 6-Hole Mineral Feeder

Stephan Esch has a better idea for free-choice minerals with his weatherproof mineral feeder. The 6-hole, wooden feeder from Oregon Ag is easy to fill, easy to move, and easy for livestock to use.

"The feeder comes with wheels and a U-shaped handle on one end so you can push it like a wheelbarrow," says Esch. "It can also be ordered with runners for dragging behind an ATV, pickup or small tractor. The feeders are heavy-duty and built so they won't tip over easily."

The feeder is made from hardwood lumber and weighs 180 to 200 lbs. empty. The 4 by 4 runners can be made from pressure treated

or hardwood lumber, according to customer preference. Fasteners are all stainless steel. Runner designs have rings mounted at both ends for towing.

"Each of the 6 feeding holes has a cover made from 1/2-in. floor mat," says Esch. "Livestock lift the cover with their nose, and when they are finished, the cover falls back into place. The minerals and salt stay dry and out of the weather."

Oregon Ag is selling the feeders for \$335 with runners and \$355 with wheels.

Contact: FARM SHOW Followup, Oregon Ag LLC, 1150 E. Oregon Rd., Lititz, Penn. 17543 (ph 717 656-0067).

## Wrecked Geo Turned Into Mobile Workshop

It may not be pretty, but it sure is practical. That's how Bud Drawdy describes his "repurposed" 1990 Geo Metro.

He drove the gas-saving car for 10 years before he flipped it end over end in a bad car accident. Drawdy was thrown 50 ft. and was fortunate to only sustain five broken ribs and minor injuries.

The Geo didn't do as well.

"Most of the windows were broken and one door was off, but the engine still ran and the body was fairly straight," Drawdy says.

Instead of junking it, he decided to turn it into a mobile workhorse for chores around his 40-acre Blair, Okla., hobby farm.

"I took the doors and the rear hatchback off and removed the seats," he explains. "I put in a low profile seat from a riding mower on the driver side, built a plywood platform for the passenger side and a plywood platform to go in the rear, and put a wooden rack on

top to haul a ladder or other cargo."

With a small propane-powered generator on the passenger side platform, he cuts firewood with an electric chainsaw and runs other electric tools. The back platform extends 1 1/2 ft. and is a handy height for adjusting a chainsaw or making repairs. He also mounted a ball hitch on the back bumper to pull a log splitter or haul a small trailer for firewood.

"With front-wheel drive it gets around pretty good in this Oklahoma sand, and is small enough to go into hard-to-get places," Drawdy says. "It still can go at least 85 mph, and it has a working radio, heater and windshield wipers (but no windshield to wipe)."

It's worked so well, he hopes to inspire other FARM SHOW readers.

"An old compact car that still runs – even a beat-up one – can be found much cheaper



Wi-fi backup camera eliminates the need for a separate monitor. It comes with a magnetic base and swivels to point in any direction.

## Wi-Fi Backup Camera Uses Phone As Monitor

This "simple" new backup camera has no wires and you don't need a separate monitor. Best of all, it's designed to sell for just over \$100.

With a patented magnetic base, the wi-fi camera can be moved easily between vehicles, trucks and farm equipment. Your Android or iPhone becomes your monitor after downloading a free app.

The new backup camera should be available by mid April, says Mike Deschenes, one of the owners at Rampage Products.

The 2 1/2-in. dia. camera swivels to point in any direction – to watch a trailer behind a truck or grain cart to the side, for example. A light source in the housing brightens the camera viewing area. With 4 strong magnets, the camera mounts securely to any metal surface and is easy to move to another

vehicle.

Because the patented camera has its own wi-fi source, there are no monthly service fees. Just touch the app on your smartphone pad to see what the camera sees. The signal is good for 100 ft., Deschenes says, which means it could double at home as a baby monitor.

Rechargeable lithium batteries that last 4 hours and have a good charge-holding shelf life power the camera.

Deschenes expects the camera will retail for between \$100 and \$120. Check the Rampage website for automotive and farm supply stores that will sell the camera.

Contact: FARM SHOW Followup, Rampage Products, 22420 Temescal Canyon Rd., Unit C, Corona, Calif. 92883 (ph 951 277-4949; www.rampageproducts.com).



Drawdy removed car's doors, seats and rear hatchback, then built a plywood platform on the passenger side and on back. Wooden rack on top is used to haul a ladder or other cargo.

than most 4-wheelers or UTV's," he says. "With a little work and imagination it can be converted into a 4-wheeler or drive-around workshop."

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## Old Combine Converted To Mobile Shop Power Unit

Erling Brakefield turned an old combine into a mobile power source that's fitted with a compressor, welder and generator.

"It's especially handy at harvest when I need to do service away from the yard," says Brakefield. "I primarily wanted a portable compressor, but over time I added the welder and a single cylinder Onan generator."

He started with a #72 Massey Harris pull-type combine that a friend gave him, stripping away the table and body and rebuilding the Continental engine. He cut about 3 1/2 ft. out of the axle and reworked the hitch. Most of the rest was left as is, including the instrument cluster in front of the engine.

"I used some of the structural pieces from the body to make a top frame for the gas tank, which had to be relocated," says Brakefield. "I also had to build up the back end to support the air tank."

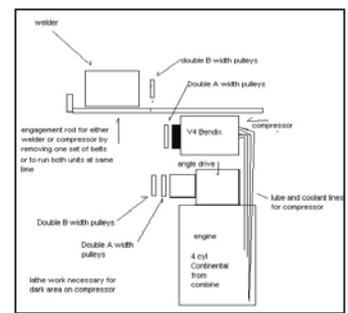
One challenge was driving the V-4 Bendix air compressor with its D2 governor. The

Bendix was designed to be driven by a Detroit Diesel engine with its internal and external gears.

Brakefield reworked the input drive on the compressor with parts from Detroit Diesel. With some lathe work, he was able to make a drive coupling for the Bendix and mount a double A width pulley to it. The welder has a double B width pulley on it. He mounted A and B width pulleys with a spacer between them on the Continental's pto shaft. The Continental also provides cooling and lubrication for the Bendix.

"I can drive either the air compressor or the welder by themselves or together," says Brakefield. "I just remove a set of belts as needed. I can run them together when I want to do air-arcing."

The Onan generator is self-contained. It simply rides on the unit and can be lifted off and used where needed. Brakefield recently replaced the original radiator with one from



Erling Brakefield turned an old Massey Harris pull-type combine into this mobile power source that's fitted with a compressor, welder and generator.

a 1953 Chevy. The air tank was originally a steam boiler tank.

"I run it up to about 130 psi," says Brakefield. "It's very useful for blowing dust off combines and equipment, for pumping up tires and for field breakdowns. It will easily

run a 3/4 drive impact and other air tools as well as blow out pipes."

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